

# PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

10605909

## CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS		
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	9 minus 20 =	
INDEPENDENT CLAIMS	1 minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

\* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY  
TYPE ☐

OR OTHER THAN  
SMALL ENTITY

RATE	FEE		RATE	FEE
BASIC FEE	385.00	OR	BASIC FEE	770.00
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL		OR	TOTAL	770

## CLAIMS AS AMENDED - PART II

6905

	(Column 1)		(Column 2)		(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA
	Total	* 12	Minus	** 20	=
	Independent	* 4	Minus	*** 3	= 1
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>					

SMALL ENTITY

OR

OTHER THAN  
SMALL ENTITY

RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
XS 9=		OR	XS18=	
X43=		OR	<del>X86=</del> 200	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	200

	(Column 1)		(Column 2)		(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>					

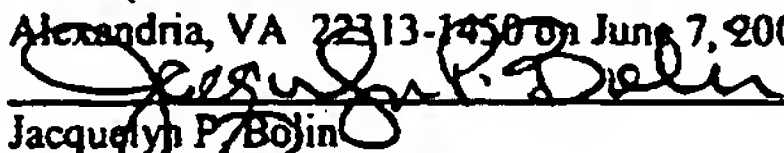
RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

	(Column 1)		(Column 2)		(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>					

RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
XS 9=		OR	XS18=	
X43=		OR	X86=	
+145=		OR	+290=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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Whereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 7, 2005  
  
Jacquelyn P. Bolin

Docket No.: 132446  
Serial No.: 10/605,909

Attorney Docket No. 132446



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Application of :  
ROBERT ALLEN AHTI et al : Confirmation No. 2908  
Serial No.: 10/605,909 : Group Art Unit 3723  
Filed: November 5, 2003 : Examiner SHAKERI, Hadi  
METHOD AND APPARATUS FOR METALWORKING USING A  
COOLANT FLUID

**AMENDMENT PURSUANT TO 37 CFR 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated March 3, 2005, please enter the following amendments and consider the accompanying remarks.

**Amendments to the Specification** begins on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Abstract** begins on page 7 of this paper

**Amendments to the Drawings** begin on page 8 of this paper and include attached replacement sheets.

**Remarks/Arguments** begin on page 9 of this paper.


10/04/2005 EXAMINER 00000000 070000 10/05/09  
20 00:00:00 200.00 DA



3. U.S. Patent 6,374,158, published April 16, 2003 (Fusaro), equivalent to EP Publication EP1125695, published August 22, 2001, discloses a laser positioned in a housing that is affixable to a robotic arm for calibrating the path and offset positioning of the robotic arm along a workpiece surface. A plasma spray gun nozzle can then be installed in place of the laser housing for directing a plasma toward the workpiece. The reference does not disclose or suggest using the laser for directing a liquid coolant from a coolant nozzle toward a machined surface, or positioning the laser within the flow path of the coolant nozzle, or replacing the laser with a plug during the machining operation.
4. The Abstract of JP Publication 07132444, published May 23, 1995, discloses a jig configured to fit removably onto the front of a fluid nozzle. The jig has a light emitter that directs light along the same axis as the fluid jet being emitted from the nozzle. The reference does not disclose or suggest providing a laser bore within the coolant nozzle in fluid communication with the flow passage, for insertion of the laser within the nozzle, or replacing the laser with a plug within the bore during the machining operation.

The Applicants request reconsideration of the rejections, in view of the claim amendments, and a prompt allowance.

Respectfully submitted,

By:   
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Date: June 7, 2005